

## ABSTRACT

A non-aqueous electrolyte secondary battery employing a positive electrode active material containing a compound represented by the general formula  $\text{Li}_x\text{M}_y\text{PO}_4$ , where  $0 < x \leq 2$  and  $0.8 \leq y \leq 1.2$ , with M containing a 3d transition metal, where  $\text{Li}_x\text{M}_y\text{PO}_4$  encompasses that with the grain size not larger than  $10\ \mu\text{m}$ . The non-aqueous electrolyte secondary battery has superior cyclic characteristics and a high capacity.